

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listing, of claims in the application:

Listing of Claims:

1. (Currently Amended) ~~In a~~ A discharge lamp lighting apparatus comprising a discharge lamp lighting circuit for lighting a discharge lamp, and a housing ~~made of [[a]] synthetic resin, the housing having a base member and a cover member which form a cavity within which for containing the discharge lamp lighting circuit is received, therein,~~

~~the housing has a tubular shaped base member having a flat bottom plate and side walls set up along entire circumference of an upper face of the bottom plate, and a cover member for closing an opening of the base member; and~~

the base member ~~further has~~ comprising:

a flat rectangular bottom plate and four side walls which extend perpendicularly from the bottom plate along each side of the bottom plate;

at least a protruding portion which is formed provided on a part of a upper end of one of the side walls and is configured to protrude outward; from a part of the side wall,

a wire receiving ~~putting~~ portion which is formed provided on a surface of the protruding portion and is configured to communicate ~~communicating between between~~ an inside and an outside of the housing, and on from which at least an electric wire, electrically connected to the discharge lamp lighting circuit, is put out received; and,

a plurality of reinforcing ribs which formed extend for coupling between a lower surface ~~face of the protruding portion and portions of an outer face of the side walls except the protruding portion, other than the surface on which the wire receiving portion is provided, and~~

~~portions of an outer face~~ surface of the side wall on which the protruding portion is provided
~~walls except the protruding portion and for protruding outward from the side walls.~~

2. (Currently Amended) The discharge lamp lighting apparatus in accordance with claim 1, wherein a ~~protruding distance by which dimension of~~ the protruding portion of the base member protrudes outward from the side wall is equal to or larger than 1/2 of a height of the side wall from the bottom plate.

3. (Currently Amended) The discharge lamp lighting apparatus in accordance with claim 1, wherein a slanted face is provided in a vicinity of a lower end of each of the reinforcing ribs ~~rib~~ so that a ~~protruding dimension of distance that~~ the reinforcing rib protrudes outward from the outer face of side wall ~~becomes smaller~~ decreases with an increase in distance ~~departing from the~~ protruding portion.

4. (Currently Amended) The discharge lamp lighting apparatus in accordance with claim 1, wherein the wire receiving ~~putting~~ portion is has at least a groove which is provided on a surface of the protruding portion opposite to the reinforcing ribs and that communicates with the cavity of the housing and into which the electric wire, electrically connected to the discharge lamp lighting circuit, is received ~~formed for communicating the opening on an upper face of the base member,~~ and at least a pair of ribs, that each of the pair of ribs has a substantially semicircular cross-sectional shape in a section parallel to the face of the protruding portion, the opening of the base member is substantially hemisphere are the pair of ribs positioned

~~respectively provided~~ opposing to each other on an inner face ~~inner walls of both side~~ of the groove, and configured to pinch an electric wire therebetween.

5. (Currently Amended) The discharge lamp lighting apparatus in accordance with claim 1, wherein the wire receiving ~~putting~~ portion is has at least a groove which is provided on a surface of the protruding portion opposite to the reinforcing ribs, that communicates with the cavity of the housing and within which an electric wire, electrically connected to the discharge lamp lighting circuit, is received ~~formed for communicating the opening on an upper face of the base member,~~ and

a plurality of protrusions are provided on bottom of the groove, that each protrusion having a substantially triangular cross-sectional-shape in a section direction parallel to a longitudinal direction of the protrusion and extending perpendicular to a widthwise direction of the groove are provided on a bottom of the groove, the protrusions bring configured to hook the electric wire when the electric wire is pulled out or pushed in from outside of the housing.

6. (Currently Amended) The discharge lamp lighting apparatus in accordance with claim 5, wherein the cover member has a protruding portion ~~formed~~ configured to overlap with the ~~[[a]]~~ face of the protruding portion of the base member on which the wire ~~laying~~ receiving ~~putting~~ portion is ~~formed~~-provided.

7. (Currently Amended) The discharge lamp lighting apparatus in accordance with claim 1, wherein at least two ~~[[a]]~~ fixing portions, ~~by portion~~ which the housing is fixed to a lighting system, are ~~[[is]]~~ formed provided so to protrude outward from lower ends of at least two of the

side walls of the base member, other than the upper end on which the protruding portion is formed ~~an outer peripheral face of the housing.~~

8. (Currently Amended) The discharge lamp lighting apparatus in accordance with claim 7, wherein ~~the fixing portion~~ the cover member has an arm portion which is configured ~~formed~~ to protrude toward the base member from the cover member, along a side wall of the base member, the fixing portion being configured to protrude outward from an end of the arm portion and has a screw penetration hole ~~formed~~ provided on the fixing portion ~~substantially a same face of the bottom plate of the base member in a state that the cover member is coupled with the base member.~~

9. (Currently Amended) The discharge lamp lighting apparatus in accordance with claim 1, further comprising ~~wherein~~ a metal cover, including ~~constituted by~~ a plurality of cover pieces, is configured to cover ~~and covering the housing is further comprised~~ ~~[[,]]~~ and

each cover piece has an engaging portion which is configured to be engaged with at least another one of ~~another~~ a cover piece and ~~the~~ a housing in a vicinity of the wire receiving ~~putting~~ portion.

10. (Currently Amended) The discharge lamp lighting apparatus in accordance with claim 9, wherein each cover piece is ~~formed~~ configured so as not to overlap with another cover piece except at a portion in a vicinity of the engaging portion.

11. (Original) ~~In a~~ A lighting system comprising a discharge lamp, a discharge lamp lighting apparatus for lighting the discharge lamp, a main body containing the discharge lamp lighting apparatus, and a socket which is electrically connected to the discharge lamp lighting apparatus and to which the discharge lamp is attached, wherein

the discharge lamp lighting apparatus further comprises ~~comprises~~ a discharge lamp lighting circuit for lighting the ~~the~~ [[a]] discharge lamp, and a housing ~~made of~~ of ~~[[a]]~~ synthetic resin, the housing having a base member and a cover member which form a cavity within which for ~~containing~~ the discharge lamp lighting circuit is received therein,

~~the housing has a tubular shaped base member having a flat bottom plate and side walls set up along entire circumference of an upper face of the bottom plate, and a cover member for closing an opening of the base member; and~~

the base member ~~further has~~ comprising:

a flat rectangular bottom plate and four side walls which extend perpendicularly from the bottom plate along each side of the bottom plate;

at least a protruding portion which is formed provided on a part of an upper end of one of the side walls and is configured to protrude outward; from a part of the side wall,

a wire receiving putting ~~portion which is formed~~ provided on a surface of the protruding portion and is configured to communicate ~~communicating between~~ between an inside and an outside of the housing, and on ~~from~~ which at least an electric wire, electrically connected to the discharge lamp lighting circuit, is received ~~put out~~,

a plurality of reinforcing ribs which formed extend ~~for coupling between a lower surface of the protruding portion and portions of an outer face of the side walls except the protruding portion,~~ other than the surface on which the wire receiving portion is provided, and portions of

an outer face surface of the side wall on which the protruding portion is provided ~~walls except the protruding portion and for protruding outward from the side walls.~~

12. (Currently Amended) The discharge lamp lighting apparatus in accordance with claim 2, wherein a slanted face is provided in a vicinity of a lower end of each of the reinforcing ribs ~~rib~~ so that a distance that protruding dimension of the reinforcing rib protrudes outward from the outer face of the side wall decreases with an increase in distance ~~becomes smaller as departing from the protruding portion.~~

13. (New) The discharge lamp lightning apparatus in accordance with claim 4, wherein

a plurality of protrusions are provided on a bottom of the groove, each protrusion having a substantially triangular shape in a section parallel to a longitudinal direction and the protrusion extending perpendicular to a widthwise direction of the groove, the protrusions being configured to hook the electric wire when the electric wire is pulled out or pushed in from outside of the housing.

14 (New) The discharge lamp lighting apparatus according to claim 1, the protruding portion having a shape distinct from a shape of the side wall from which the protruding portion protrudes.

15 (New) The lighting system according to claim 11, the protruding portion having a shape distinct from a shape of the side wall from which the protruding portion protrudes.

16 (New) The discharge lamp lighting apparatus according to claim 1, the plurality of reinforcing ribs extending from a surface of the protruding portion opposite to the surface of the protruding portion on which the wire receiving portion is provided.

17 (New) The lighting system according to claim 11, the plurality of reinforcing ribs extending from a surface of the protruding portion opposite the to the surface of the protruding portion on which the wire receiving portion is provided.